



Highlights

2 to 12 poles

Horizontal pin strip

Spacing 3.5 mm

With fixing flange

Reflow soldering

THR

Pin length 2.6 mm

Pin length 1.4 mm | 3.5 mm also available

Wire Sizes

Solid min	-
Solid max	-
Stranded (flexible) min	-
Stranded (flexible) max	-
Stranded with ferrule min	-
Stranded with ferrule max	-

Dimensions

PCB hole diameter	1.2 mm
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Materials

Thread insert, flange	Brass
Contact pin	Copper Alloy

Insulating Material

Material	PA
Flammability class	UL 94 V-0

Temperatures

Operating temperature	-40 °C (without mech. load) - 105 °C
Store temperature	-40 °C - 105 °C

Wave Soldering Process

Soldering temperature, recommended	260 °C
Peak soldering time, recommended	3-4 s

**Technical Data // STL1550/..F-3.5-H-P2.6-BK-HT**

Spacing 3.5 mm

Reflow Process

Soldering temperature, recommended 217 - 245 °C

Peak soldering time, recommended 60 s

Colours

BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Ratings

UseGroup	B	C	D	
Rated voltage	300 V	-	300 V	160 V
Rated current	10 A	-	10 A	10 A
Overvoltage category				III
Test voltage	1.60 kV	-	1.60 kV	2.5 kV
Pollution degree				3

Counterparts (Spacing 3.5 mm)

Terminal Block

AK1550	AK1700	AK1710	AK4551	AK4561
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In combination of connectors with different admission data, the lower value is valid.

Accessoires

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-NATURAL-HT	Order data: 50000000022

Order Data (Spacing 3.5 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	17.70	STL1550/2F-3.5-H-P2.6-BK-HT	51550026343 E	100
3	21.20	STL1550/3F-3.5-H-P2.6-BK-HT	51550036343 E	100
4	24.70	STL1550/4F-3.5-H-P2.6-BK-HT	51550046343 E	100
5	28.20	STL1550/5F-3.5-H-P2.6-BK-HT	51550056343 D	50
6	31.70	STL1550/6F-3.5-H-P2.6-BK-HT	51550066343 D	50
7	35.20	STL1550/7F-3.5-H-P2.6-BK-HT	51550076343 D	50
8	38.70	STL1550/8F-3.5-H-P2.6-BK-HT	51550086343 D	50
9	42.20	STL1550/9F-3.5-H-P2.6-BK-HT	51550096343 D	50
10	45.70	STL1550/10F-3.5-H-P2.6-BK-HT	51550106343 D	50
11	49.20	STL1550/11F-3.5-H-P2.6-BK-HT	51550116343 D	50
12	52.70	STL1550/12F-3.5-H-P2.6-BK-HT	51550126343 D	50



Spacing 3.5 mm

Technical drawing

